

**#9811 SHERMAN TANK EFI CONVERSION KIT 5/21/2018****PUMP SET-UP**

- 1) Remove caps from fuel pump, install lower seal and strainer/sock.
- 2) Install submersible hose on pump outlet and clamp at pump **1**, place second clamp on hose loosely.
- 3) Strip wires and crimp ring terminal to black (ground) wire and ¼" female spade terminal to red wire, install wire connector on pump.
- 4) Install pump clamp on pump using the split submersible hose as a spacer. The offset **2** stud should be to your right so that the pump is moved away from sending unit
- 5) If you have not done so, drain the tank, remove tank from vehicle and remove sending unit plate.

**PUMP INSTALL**

- 6) Locate holes in sump divider. This is where the studs on the pump clamp will attach.
- 7) Remove nuts from studs and install pump assembly on sump divider. Install nuts hand tight. Make sure the pump is at the bottom of the tank and hose spacer is still in clamp (Be patient you will be working by feel to do this), tighten nuts on studs until the head of stud is just under the surface of clamp foot (DON'T OVER TIGHTEN) or stud will pull through the clamp.
- 8) Install black (ground) wire with ring terminal on it using ¼-20 nut supplied in kit on ¼ -20 stud that is located on sump divider.
- 9) Attach submersible hose from pump to pick up tube and tighten clamp.
- 10) You will now need to modify the float arm **3** by putting two 45 degree bends (approx.) so that the float arm will not come in contact with pump assembly.
- 11) Test fit sending unit and plate assembly, if ok attach the ¼" female spade terminal (red wire) to the ¼" male spade terminal at sending unit plate.
- 12) Tighten sending unit plate to tank.
- 13) Run switched 12 volt supply for pump to ¼" spade terminal on top of sending unit plate. Also remember to reattach ground wire if you removed it when you dropped the tank.
- 14) Setup return hose using supplied -6 fitting.

